eceipt date: 01/14/2008

PTO/SB/08A (10-07)
Approved for use through 10/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

abstitute for form 1449/PTO

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 11

Complete if Known			
Application Number	10/584,986		
Filing Date	30 June 2006	· · · · · · · · · · · · · · · · · · ·	
First Named Inventor	Takagi		
Art Unit	·		
Examiner Name			
Attorney Docket Number	TIP 046		

		<del></del>	U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (If Answn)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/G.K./		us-3532580 191970	10-28-1966-	Kanao	
/G.K./		<sup>US-</sup> 5151281	9-29-1992	Huvey	
/G.K./		US- 5217723	6-8-1993	Tsingopoulos	
/G.K./		<sup>US-</sup> 5637168	6-10-1997	Carlson	
		US-			
		US-			
		US-			
737		US-			
		US-	<del></del>		
		US-			
		US-	•		
		US-			
		US-			
	<u></u>	US-			
		US-		<del> </del>	
		US-	<del> </del>		
		⊍S-	<del> </del>		
		US-			
		US-	<del>-  </del>		

Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
- 10-10-0		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T°
/G.K./		EP 526 382	2-3-1993	Tsingopoulos	=US5217723	
/G.K./		JP 58-173629 (Abstract)	19-12-1983	Taigaasu Polymer	Abstract	1
/G.K./		WO 89/04246	5-18-1989	Holroyd Associates		
	•					
						<u> </u>

Examiner Signature	/Geoffrey Knable/	Date Considered	11/21/2009

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

SAJ 9/4/10